

**RECEIVED**  
**CENTRAL FAX CENTER**  
**JAN 26 2005**

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission: **14**

Application Number	09/496,825
Filing Date	February 01, 2000
First Named Inventor	Edward Rowland Grauch
Art Unit	2611
Examiner Name	Joseph G. Ustaris
Attorney Docket Number	BS95003 CON

## ENCLOSURES

(Check all that apply)

☒ Fee Transmittal Form (in duplicate)

☒ Fee Attached

☐ Amendment/Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation

☐ Change of correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

Remarks:

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

Other Enclosure(s) (please identify below):  
Copy of Cited Reference

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Name (Print/Type)	Bambi Faivre Walters	Reg. No.:	45,197
Signature	<i>Bambi Faivre Walters</i>		
Date	January 26, 2005		

## CERTIFICATE OF TRANSMISSION / MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, PO Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Name (Print/Type)	Bambi Faivre Walters	Date	January 26, 2005
Signature	<i>Bambi Faivre Walters</i>		

PTO/SB/17 (12-04/2)

Approved for use through 07/31/2006. OMB 0851-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number 09/496,825 Filing Date February 1, 2000 First Named Inventor Edward R. Grauch et al. Examiner Name Joseph G. Ustalis Art Unit 2811 Attorney Docket No. BS95003 CON	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 180.00			

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☐ Deposit Account Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
- 20 or HP =	x	=
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
- 3 or HP =	x	=
HP = highest number of independent claims paid for, if greater than 3.		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): IDS - 37 CFR 1.97(b)(3)

Fees Paid (\$)

\$180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 45,187	Telephone 767-263-6729
Name (Print/Type)	Bambl Fahre Walters	Date January 26, 2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
CENTRAL FAX CENTER

JAN 26 2005

In re application of: Edward R. Grauch et al.      Group Art Unit: 2611  
Application No.: 09/496,825      Examiner: Joseph G. Ustaris  
Filed: February 1, 2000  
Title: "Method and System for Tracking Network Use"

VIA FACSIMILE 703-872-9306

TC2600

Attn: Examiner Joseph G. Ustaris

## 37 C.F.R. § 1.8 CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on: 1/26/2005 (date of transmission).

Bambi F. Walters

Name of Person Faxing This Paper

Bambi F. Walters

Signature

1/26/2005

Date of Transmission

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR §§1.56, 1.97, and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Forms PTO 1449 (pp. 1-8).

This Information Disclosure Statement is being submitted after the mailing of a first Office Action in this application and therefore, the certification fee is believed to be required (37 CFR § 1.97b(3)).

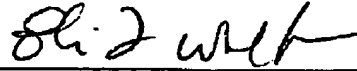
01/27/2005 EKOLI1 00000006 09496825

01 FC:1806

100.00 OP

It is respectfully requested that the references listed on the attached forms be expressly considered by the Examiner and be made of record in the application and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



Bambi F. Walters  
Attorney for Applicants  
Registration No. 45,197  
P. O. Box 5743  
Williamsburg, VA 23188  
Telephone: 757.253.5729

Date: 1/26/05

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1


of

8

**Complete if Known**

Application Number	09/496,825
Filing Date	February 1, 2000
First Named Inventor	Edward R. Grauch et al.
Group Art Unit	2811
Examiner Name	Joseph G. Ustaris
Attorney Docket Number	BS95003 CON

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		US- 3,798,810		Bliss et al.	03-18-1974
		US- 3,888,302		Kosco	05-27-1975
		US- 4,130,833		Chomet	12-19-1978
		US- 4,258,388		Cheung	03-24-1981
		US- 4,361,851		Asip et al.	11-30-1982
		US- 4,488,179		Kruger et al.	12-11-1984
		US- 4,568,030		Nickerson et al.	01-21-1986
		US- 4,587,591		Gray et al.	02-28-1986
		US- 4,598,288		Yarbrough et al.	07-01-1986
		US- 4,688,248		Tomizawa	08-18-1987
		US- 4,689,661		Barbieri et al.	08-25-1987
		US- 4,697,209		Kiewitt et al.	09-1987
		US- 5,696,670		Matty	10-08-1987
		US- 4,720,873		Goodman et al.	01-19-1988
		US- 4,816,904		McKenna et al.	03-28-1989
		US- 4,890,322		Russell, Jr.	12-28-1989
		US- 4,912,662		Allison, III. et al.	03-27-1990
		US- 5,010,585		Garcia	04-23-1991
		US- 5,048,090		Walker et al.	09-03-1991
		US- 5,048,092		Walker et al.	09-03-1991
		US- 5,055,924		Skutta	10-08-1991
		US- 5,173,900		Miller et al.	12-22-1992
		US- 5,191,846		Carlucci et al.	03-02-1993
		US- 5,208,885		McCalley et al.	05-04-1993
		US- 5,247,347		Litteral et al.	09-21-1993
		US- 5,249,044		VonKohorn	09-28-1993
		US- 5,251,324 A		McMullan	10-1993
		US- 5,287,181		Holman	02-15-1994
		US- 5,335,277		Harvey et al.	08-02-94
		US- 5,339,315		Maeda et al.	08-18-1994
		US- 5,343,240		Yu	08-30-1994
		US- 5,374,961		Welsh	12-20-1994
		US- 5,357,276		Banker et al.	10-18-1994
		US- 5,404,393		Remillard	04-04-1994
		US- 5,446,919		Wilkins, Jeff K.	08-1995
		US- 5,448,490		Blahut et al.	08-29-1995
		US- 5,585,838		Lawler et al.	12-17-1996
		US- 5,608,448		Smoral et al.	03-04-1997
		US- 5,619,247 A		Russo	04-1997
		US- 5,661,516		Carles, John B.	08-1997
		US- 5,724,525		Beyers II et al.	03-1998
		US- 5,762,169		Faust et al.	05-1998
		US- 5,774,170		Hite et al.	08-1998
		US- 5,778,182		Cathay et al.	07-07-1998
		US- 5,816,438 B1		Howe et al.	10-06-1998
		US- 5,892,608 B1		Howe et al.	04-06-1999
		US- 6,076,094 B1		Cohen et al.	06-13-2000

Please type a plus sign (+) inside this box → 

PTO/SB005A (05-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/496,825
		Filing Date	February 1, 2000
		First Named Inventor	Edward R. Grauch et al.
		Group Art Unit	2611
		Examiner Name	Joseph G. Ustalis
		Attorney Docket Number	BS95003 CON
Sheet	2	Of	8

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		US- 6,172,874 B1		Etheredge et al.	01-08-2001	
		US- 6,202,210		Ludtke, Harold A.	03-2001	
		US- 6,262,586 B1		Freeman et al.	06-28-2001	
		US- 6,314,577 B1		Pocock	11-06-2001	
		US- 2002/0123928 A1		Eldering et al.	09-2002	
		US- 2002/0143847 A1		Headings et al.	10-2002	
		US- 6,463,585 *		Hendricks et al.	10-2002	

FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Offi ce <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
			EP 1162840 A2		Wilson et al.	12-2001	


OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PCT Publication No. WO 94/17609 (Kiehl et al., 08-04-1994)	
		CAULEY, LESLIE, "Microsoft, Baby Bell Form Video Alliance," <u>The Wall Street Journal</u> , September 28, 1994.	
		*allNetDevices: - Report: Interactive TV Soon to Become Direct Marketing Tool," allNetDevices, <a href="http://www.devices.intelnet.com/com_cgi/print/print.cgi?url=http://devices..report_interactive.html">www.devices.intelnet.com/com_cgi/print/print.cgi?url=http://devices..report_interactive.html</a> , (11/16/01) pp.1-2.	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → 

PTO/SB08A (06-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 8

**Complete if Known**

Application Number	09/496,825
Filing Date	February 1, 2000
First Named Inventor	Edward R. Grauch et al.
Group Art Unit	2811
Examiner Name	Joseph G. Ustaris
Attorney Docket Number	BS95003 CON

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Liberate Technologies – Solutions," Digital Cable Two-Way, <a href="http://www.solutions.liberate.com/architecture/dc2.html">www.solutions.liberate.com/architecture/dc2.html</a> , (11/16/01) p. 1 of 1.	
		"Liberate Technologies – Solutions," Digital Broadband Telco, <a href="http://www.solutions.liberate.com/architecture/db.html">www.solutions.liberate.com/architecture/db.html</a> , (11/16/01) p. 1 of 1.	
		"Liberate Technologies – Solutions," Liberate Connect Suite, <a href="http://www.solutions.liberate.com/products/connect_suite.html">www.solutions.liberate.com/products/connect_suite.html</a> , (11/16/01) pp. 1-2.	
		"Liberate Technologies – Solutions," Liberate Imprint Server™, <a href="http://www.solutions.liberate.com/products/imprint_server.html">www.solutions.liberate.com/products/imprint_server.html</a> , (11/16/01) p. 1 of 1.	
		"Liberate Technologies – Solutions," Liberate Mediacast Server™, <a href="http://www.solutions.liberate.com/products/mediacast_server.html">www.solutions.liberate.com/products/mediacast_server.html</a> , (11/16/01) pp. 1-2.	
		"Spike High Performance Server Array," Mixed Signals Technologies, Inc., <a href="http://www.mixedsignals.com">www.mixedsignals.com</a> , <a href="mailto:info@mixedsignals.com">info@mixedsignals.com</a> (2000) p. 1.	
		"power, flexibility, and control," RespondTV, <a href="http://www.respondtv.com/whyrespond.html">www.respondtv.com/whyrespond.html</a> (11/16/01) pp. 1-2.	
		"It just clicks!," RespondTV, <a href="http://www.respondtv.com/inaction.html">www.respondtv.com/inaction.html</a> , (11/16/01) pp. 1-2.	
		"The Wink System," Wink System Diagram, <a href="http://www.wink.com/contents/tech_diagram.html">www.wink.com/contents/tech_diagram.html</a> , (11/16/01) p. 1 of 1.	
		"What is Wink?," <a href="http://www.wink.com/contents/whatishink.html">www.wink.com/contents/whatishink.html</a> , (11/16/01) p. 1 of 1.	
		"How Wink Works," What is Wink: How wink works, <a href="http://www.wink.com/contents/howitworks.html">www.wink.com/contents/howitworks.html</a> , (11/16/01) p. 1 of 1.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (03-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4

of

8

**Complete If Known**

Application Number	09/496,825
Filing Date	02/01/2000
First Named Inventor	Edward R. Grauch
Group Art Unit	2611
Examiner Name	Joseph G. Ustaris
Attorney Docket Number	BS95003 CON

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"What is Wink: Examples," What is Wink – Examples, <a href="http://www.wink.com/contents/examples.html">www.wink.com/contents/examples.html</a> , (11/16/01) pp. 1-2.	
		"Nielsen Media Research – Who We Are & What We Do," <a href="http://www.nielsenmedia.com/whoweare.html">www.nielsenmedia.com/whoweare.html</a> , (10/11/01) pp.1-4.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 5

of 8

**Complete if Known**

Application Number	09/496,825
Filing Date	February 1, 2000
First Named Inventor	Edward R. Grauch
Art Unit	2611
Examiner Name	Joseph G. Ustaris
Attorney Docket Number	BS95003 CON

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,948,061	9/7/1999	Merriman et al.	
		US- 5,794,210	8/11/1998	Goldhaber et al.	
		US- 5,724,521	3-1998	Dedrick	
		US- 5,892,536	4-1999	Logan	
		US- 5,600,364	2-1997	Hendricks	
		US- 6,282,713	8-2001	Kitsukawa	
		US- 6,477,704	11-2002	Cremia	
		US- 5,389,984	2-1995	Oberle	
		US- 6,002,393	12-1999	Hite	
		US- 4,912,552	3-1990	Allison	
		US- 6,446,261	9-2002	Rosser	
		US- 5,848,396	12-1998	Gerace	
		US- 5,948,061	9-1999	Merriman	
		US- 6,100,916	8-2000	August	
		US- 6,314,577	11/6/2001	Pocock	
		US- 5,892,508	4/6/1999	Howe	
		US- 5,818,438	10/6/1998	Howe	
		US- 6,076,094	6/13/2000	Cohen	
		US- 6,172,674	1/9/2001	Etheridge	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 99 52285A	10/14/1999			
		WO 99 04561A	1/28/1999			
		WO 99 45702A	9/10/1999			
		EP 0 424 648A	2/2/1991			
		EP 1162840 A2	12-2001	Wilson		

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 6 of 18

**Complete if Known**

Application Number	09/486,825
Filing Date	February 1, 2000
First Named Inventor	Edward R. Grauch
Art Unit	2611
Examiner Name	Joseph G. Ustalis
Attorney Docket Number	B95003 CON

Examiner Initials*	Cite No. <sup>1</sup>	U. S. PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Document Number	Publication Date MM-DD-YYYY		
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,252,586	6/26/2001	Freeman	
		US- 5,661,516	8/1997	Carles	
		US- 5,774,170	6-1998	Hite	
		US- 5,758,257	5-1998	Herz	
		US- 5,410,344	4-1995	Graves	
		US- 5,754,393	5-1998	Herz	
		US- 5,838,314	11-1998	Neel	
		US- 6,029,045	1-2001	Alexander	
		US- 6,463,468	10-2002	Buch	
		US- 6,496,818	12-2002	Ponte	
		US- 6,507,839	1-2003	Ponte	
		US- 6,510,417	1-2003	Woods	
		US- 6,631,360	10-2003	Cook	
		US- 4,602,279	7-1986	Freeman	
		US- 5,446,919	8-1995	Wilkins	
		US- 5,585,865	12-1996	Amano	
		US- 5,758,259	5-1998	Lawler	
		US- 5,861,906	1-1999	Dunn	
		US- 5,973,683	10-1999	Cragun	

Examiner Initials*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Foreign Patent Document	Publication Date MM-DD-YYYY			
		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 7 of 8

**Complete if Known**

Application Number	09/496,825
Filing Date	February 1, 2000
First Named Inventor	Edward R. Grauch
Art Unit	2611
Examiner Name	Joseph G. Ustaris
Attorney Docket Number	BS95003 CON

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,005,597	12-1999	Barrett	
		US- 6,314,568	11-2001	Ochiai	
		US- 6,457,010	9-2002	Eldering	
		US- 2002/0143647	10-2002	Headings	
		US- 2002/0199197	12-2002	Winter	
		US- 5,543,911	7-1996	Levitan	
		US- 2003/0067554	4-2003	Klarfield	
		US- 6,202,210	3-2001	Ludtke	
		US- 5,630,119	5/13/1997	Aristides	
		US- 5,917,481	6/29/1999	Rzeszewski	
		US- 5,983,227	11/9/1999	Nazem	
		US- 5,038,211	8/6/1991	Hallenbeck	
		US- 5,559,548	9/24/1996	Davis	
		US- 6,463,585	10/2002	Hendricks	
		US- 6,505,348	1-2003	Knowles	
		US- 6,185,614	2/2001	Cuomo	
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1 <sup>o</sup>
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)				

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/088 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 8

of 8

**Complete if Known**

Application Number	09/496,825
Filing Date	February 1, 2000
First Named Inventor	Edward R. Grauch
Art Unit	2611
Examiner Name	Joseph G. Ustaris
Attorney Docket Number	BS95003 CON

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		www.actv.com, Screen Print, 10/8/2000	
		"ACTV, Inc. Offers Exclusive Preview of 'Individualized Television' at Official All-Star Cafe," Business Wire, Sept. 16, 1998.	
		"ACTV's HyperTV & 'Individualized Television' to be Powered by Sun Microsystems' JavaTV Technology," Business Wire, Apr. 21, 1999.	
		Whitaker, Jerry, "Interactive TV: Killer Ap or Technical Curiosity?", Broadcast Engineering, Dec. 1999	
		Dickson, Glen, "Digital TV gets specifically directed," Broadcasting & Cable, June 5, 2000.	
		Reed, David, "The future is digital," Precision Marketing, v. 13, n.51, pg.. 27, Sept. 21, 2001.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.